This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-6 (canceled)

Claim 7 (currently amended): A nonaqueous electrolyte secondary battery comprising:

a positive electrode comprising a first positive electrode layer, a second positive electrode layer and a positive electrode collector disposed between the first positive electrode layer and the second positive electrode layer;

a negative electrode comprising a binder and an active material, the binder comprising a mixture of a fluorine polymer and an aromatic vinyl-conjugate diene polymer, the active material comprising a carbonaceous material wherein the binder comprises a weight mixture ratio of the fluorine polymer to the aromatic vinyl-conjugate diene polymer that ranges from about 1 to about 99 and wherein the mixture of the fluorine polymer and the aromatic vinyl-conjugate diene polymer of the binder ranges ~~comprises~~ from 10 wt% to about 15 wt% of a total weight of the negative electrode, and wherein the negative electrode comprises a first negative electrode layer, a second negative electrode layer and a negative electrode collector disposed between the first negative electrode layer and the second negative electrode layer; and

a separator disposed between the positive electrode and the negative electrode so as to form a laminate structure wherein the laminate structure is wound a plurality of times around a center portion of the nonaqueous secondary electrolyte battery.

Claim 8 (previously presented): The nonaqueous electrolyte secondary battery of claim 7, wherein the fluorine polymer comprises at least one material selected from the group consisting of polyvinylidene fluoride, polytetrafluoroethylene and fluorine rubber.

Claim 9 (previously presented): The nonaqueous electrolyte secondary battery of claim 7 wherein the aromatic vinyl-conjugate diene polymer comprises styrene-butadiene latex.

Claims 10-11 (canceled)

Claim 12 (currently amended): The nonaqueous electrolyte secondary battery of claim 7 wherein the ~~binder~~ negative electrode comprises a cellulose derivative as a viscosity thickening agent.

Claim 13 (previously presented): A nonaqueous electrolyte secondary battery according to claim 12, wherein a ratio of said cellulose derivative with respect to total weight of said negative electrode is not less than 0.1 wt% nor more than 5 wt%.

Claim 14 (currently amended): A nonaqueous electrolyte secondary battery according to claim 7, wherein said carbonaceous material is a ~~non-graphitizing~~non-graphite carbon material.

Claim 15 (previously presented): A nonaqueous secondary battery according to claim 7, wherein said carbonaceous material is graphite.

Claim 16 (previously presented): A nonaqueous electrolyte secondary battery according to claim 7, wherein Li_xMO_2 is contained as an active material for said positive electrode where M is one or more types of transition metals and $0.05 \leq x \leq 1.10$.

Claim 17 (previously presented): The nonaqueous electrolyte secondary battery according to claim 7, wherein the weight mixture ratio of the fluorine polymer to the aromatic vinyl-conjugate diene polymer ranges from about 8.0:2.0 to about 5.0:5.0.

Claim 18 (previously presented): The nonaqueous electrolyte secondary battery according to claim 17, wherein the weight mixture ratio of the fluorine polymer to the aromatic vinyl-conjugate diene polymer is about 5.0:5.0.